

**REMARKS**

Entry of the foregoing and reconsideration of the application identified in caption, as amended, pursuant to and consistent with 37 C.F.R. §1.111 and in light of the remarks which follow, are respectfully requested.

Submitted herewith are certified copies of the foreign priority applications. The Examiner is respectfully requested to acknowledge receipt of such documents.

By the above amendments, claims 6, 9 and 18-20 have been canceled without prejudice or disclaimer. The subject matter of claim 9 has been incorporated into independent claim 1.

In the Official Action, claims 1-3 and 6-17 stand rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 6,129,980 (*Tsukada et al*). Withdrawal of this rejection is respectfully requested for at least the following reasons.

Claim 1 is directed to an anti-reflection film that is an optical film, comprising, at least, a hard coat layer, and a low-refractive-index layer containing a binder polymer, on a transparent support, wherein said binder polymer in the low-refractive-index layer is a fluorine-containing polymer that is a perfluoroolefin copolymer, and wherein said hard coat layer and/or said low-refractive-index layer contains: (a) a hydrolysate of an organosilane in which a hydroxyl group or a hydrolysable group is directly bonded to silicon, and/or a partial condensation product thereof; and (b) at least one metal chelate compound of an alcohol represented by formula  $R^3OH$ , in which  $R^3$  represents an alkyl group having 1 to 10 carbon atoms, and a compound represented by formula  $R^4COCH_2COR^5$ , in which  $R^4$  represents an alkyl group having 1 to 10 carbon atoms, and  $R^5$  represents an alkyl group having 1 to 10 carbon atoms or an alkoxy group having 1 to 10 carbon atoms, as ligands, and a metal selected from the group consisting of Zr, Ti and Al, as a central metal.

*Tsukada et al* does not disclose each feature recited in claim 1, and as such fails to constitute an anticipation of such claim. For example, *Tsukada et al* fails to disclose that a binder polymer in the low-refractive-index layer is a fluorine-containing polymer that is a perfluoroolefin copolymer, as recited in claim 1. In this regard, the Patent Office has asserted that *Tsukada et al* discloses the claimed perfluoroolefin copolymer from column 4, line 42 to column 10, line 10 thereof (Official Action at page 4). However, none of the compounds listed in such section of *Tsukada et al* is a perfluoroolefin copolymer, as is presently claimed. *Tsukada et al* simply has no disclosure that a binder polymer in the low-refractive-index layer is a fluorine-containing polymer that is a perfluoroolefin copolymer, as recited in claim 1.

For at least the above reasons, it is apparent that *Tsukada et al* fails to constitute an anticipation of claim 1. Accordingly, withdrawal of the §102(b) rejection is respectfully requested.

Claims 4 and 5 stand rejected under 35 U.S.C. §102(b) as being anticipated by or, in the alternative, under 35 U.S.C. §103(a) as being obvious over *Tsukada et al*. This rejection is moot in light of the above amendment of claim 1 in which the subject matter of claim 9 has been incorporated therein. It is respectfully noted that claim 9 has not been rejected in the above rejection. As such, withdrawal of this rejection is respectfully requested.

Claims 18 and 19 stand rejected under 35 U.S.C. §102(e) as being anticipated by or, in the alternative, under 35 U.S.C. §103(a) as being obvious over U.S. Patent No. 6,852,367 (*You et al*). Claim 20 stands rejected under 35 U.S.C. §103(a) as being obvious over *Tsukada et al* in view of *You et al*. Without addressing the propriety of the above rejections, it is noted that such rejections are moot in light of the cancellation of claims 18-20.

From the foregoing, further and favorable action in the form of a Notice of Allowance is believed to be next in order, and such action is earnestly solicited. If there are any questions concerning this paper or the application in general, the Examiner is invited to telephone the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date: August 24, 2005

By: 

Roger H. Lee

Registration No. 46,317

P.O. Box 1404  
Alexandria, Virginia 22313-1404  
(703) 836-6620